

INTERNATIONAL SEARCH REPORT

International application No. PCT/JP2005/002716	
A. CLASSIFICATION OF SUBJECT MATTER Int. Cl. ⁷ C08J9/28, H01M2/16, 10/40	
According to International Patent Classification (IPC) or to both national classification and IPC	
B. FIELDS SEARCHED	
Minimum documentation searched (classification system followed by classification symbols) Int. Cl. ⁷ C08J9/28, C08G73/14, H01M2/16, 10/40	
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Jitsuyo Shiran Koro 1922-1996 Jitsuyo Shiran Toroku Koro 1996-2005 Kokai Jitsuyo Shiran Koro 1971-2005 Toroku Jitsuyo Shiran Koro 1994-2005	
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)	
C. DOCUMENTS CONSIDERED TO BE RELEVANT	
Category*	Citation of document, with indication, where appropriate, of the relevant passages Relevant to claim No.
X	JP 63-90533 A (Mitsubishi Chemical Industries Ltd.), 21 April, 1988 (21.04.88), Full text (Family: none)
A	JP 7-100201 A (Toyobo Co., Ltd.), 18 April, 1995 (18.04.95), Full text (Family: none)
X	JP 2003-165863 A (Denso Corp.), 10 June, 2003 (10.06.03), Claims (Family: none)
	1-3, 5, 7-10, 12-14, 16-17 2, 6, 11, 15 1-3, 7-12, 16 4-6, 13-15, 17 1-17
<input checked="" type="checkbox"/> Further documents are listed in the continuation of Box C. <input type="checkbox"/> See patent family annex.	
* Special categories of cited documents: "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier application or patent published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filing date but later than the priority date claimed "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents; such combination being obvious to a person skilled in the art "&" document member of the same patent family	
Date of the actual completion of the international search 20 April, 2005 (20.04.05)	Date of mailing of the international search report 17 May, 2005 (17.05.05)
Name and mailing address of the ISA/ Japanese Patent Office	Authorized officer
Examiner No.	Telephone No.

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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT	
Category*	Citation of document, with indication, where appropriate, of the relevant passages Relevant to claim No.
A	JP 11-35885 A (Hitachi Chemical Co., Ltd.), 09 February, 1999 (09.02.99), Claims (Family: none)
P, X	JP 2004-152675 A (Toyobo Co., Ltd.), 27 May, 2004 (27.05.04), Full text (Family: none)
P, X	JP 2004-315660 A (Toyobo Co., Ltd.), 11 November, 2004 (11.11.04), Full text (Family: none)
	1-17 1-17 1-17